



## SEQUENCE LISTING

&lt;110&gt; WEI, Ming-Hui et al.

<120> ISOLATED HUMAN KINASE PROTEINS, NUCLEIC  
ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES  
THEREOF

&lt;130&gt; CL001164CIP-DIV II

&lt;160&gt; 6

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 1133

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 1

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&lt;211&gt; 257

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 2

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<210> 4

<211> 251

<212> PRT

<213> Rattus norvegicus

<400> 4

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          20          25          30

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Glu	Gly	Val	Leu	Asp	Ala	Leu	Phe	Val	Leu	Leu	Glu	Glu	Cys	Ser	Gln
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Ser	Asp	Thr	Ile	Ala	Glu	Leu	Arg	Glu	Leu	Gln	Pro	Ser	Val	Arg	Asp
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Phe	Glu	Val	Arg	Ser	Leu	Val	Gly	Cys	Gly	His	Phe	Ala	Glu	Val	Gln
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Val	Val	Arg	Glu	Lys	Ala	Thr	Gly	Asp	Val	Tyr	Ala	Met	Lys	Ile	Met
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Lys	Lys	Ala	Ala	Leu	Arg	Ala	Gln	Glu	Gln	Val	Ser	Phe	Phe	Glu	Glu
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Glu	Arg	Asn	Ile	Leu	Ser	Gln	Ser	Thr	Ser	Pro	Trp	Ile	Pro	Gln	Leu
145					150					155					160
Gln	Tyr	Ala	Phe	Gln	Asp	Lys	Asn	Asn	Leu	Tyr	Leu	Val	Met	Glu	Tyr
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Gln	Pro	Gly	Gly	Asp	Leu	Leu	Ser	Leu	Leu	Asn	Arg	Tyr	Glu	Asp	Gln
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Leu	Asp	Glu	Asn	Met	Ile	Gln	Phe	Tyr	Leu	Ala	Glu	Leu	Ile	Leu	Ala
				195				200					205		
Val	His	Ser	Val	His	Gln	Met	Gly	Tyr	Val	His	Arg	Asp	Ile	Lys	Pro
					210			215				220			
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<211> 251

<212> PRT

<213> Mus musculus

<400> 5

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Glu	Gly	Met	Leu	Asp	Ala	Leu	Phe	Ala	Leu	Phe	Glu	Glu	Cys	Ser	Gln
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Pro	Ala	Leu	Met	Lys	Met	Lys	His	Val	Ser	Ser	Phe	Val	Gln	Lys	Tyr
65					70					75					80
Ser	Asp	Thr	Ile	Ala	Glu	Leu	Arg	Glu	Leu	Gln	Pro	Ser	Ala	Arg	Asp
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Phe	Glu	Val	Arg	Ser	Leu	Val	Gly	Cys	Gly	His	Phe	Ala	Glu	Val	Gln
				100					105					110	
Val	Val	Arg	Glu	Lys	Ala	Thr	Gly	Asp	Val	Tyr	Ala	Met	Lys	Ile	Met
				115				120					125		
Lys	Lys	Lys	Ala	Leu	Leu	Ala	Gln	Glu	Gln	Val	Ser	Phe	Phe	Glu	Glu
				130			135				140				
Glu	Arg	Asn	Ile	Leu	Ser	Arg	Ser	Thr	Ser	Pro	Trp	Ile	Pro	Gln	Leu
145					150					155					160
Gln	Tyr	Ala	Phe	Gln	Asp	Lys	Asn	Asn	Leu	Tyr	Leu	Val	Met	Glu	Tyr

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Gln	Pro	Gly	Gly	Asp	Phe	Leu	Ser	Leu	Leu	Asn	Arg	Tyr	Glu	Asp	Gln		
			180					185					190				
Leu	Asp	Glu	Ser	Met	Ile	Gln	Phe	Tyr	Leu	Ala	Glu	Leu	Ile	Leu	Ala		
		195					200					205					
Val	His	Ser	Val	His	Gln	Met	Gly	Tyr	Val	His	Arg	Asp	Ile	Lys	Pro		
	210					215					220						
Glu	Asn	Ile	Leu	Ile	Asp	Arg	Thr	Gly	Glu	Ile	Lys	Leu	Val	Asp	Phe		
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Gly	Ser	Ala	Ala	Lys	Met	Asn	Ser	Asn	Lys	Val							
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<210> 6

<211> 251

<212> PRT

<213> Mus musculus

<400> 6

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Glu	Gly	Met	Leu	Asp	Ala	Leu	Phe	Ala	Leu	Phe	Glu	Glu	Cys	Ser	Gln		
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65				70						75					80		
Ser	Asp	Thr	Ile	Ala	Glu	Leu	Arg	Glu	Leu	Gln	Pro	Ser	Ala	Arg	Asp		
				85					90					95			
Phe	Glu	Val	Arg	Ser	Leu	Val	Gly	Cys	Gly	His	Phe	Ala	Glu	Val	Gln		
			100					105					110				
Val	Val	Arg	Glu	Lys	Ala	Thr	Gly	Asp	Val	Tyr	Ala	Met	Lys	Ile	Met		
		115					120						125				
Lys	Lys	Lys	Ala	Leu	Leu	Ala	Gln	Glu	Gln	Val	Ser	Phe	Phe	Glu	Glu		
		130				135						140					
Glu	Arg	Asn	Ile	Leu	Ser	Arg	Ser	Thr	Ser	Pro	Trp	Ile	Pro	Gln	Leu		
145					150					155					160		
Gln	Tyr	Ala	Phe	Gln	Asp	Lys	Asn	Asn	Leu	Tyr	Leu	Val	Met	Glu	Tyr		
				165					170					175			
Gln	Pro	Gly	Gly	Asp	Phe	Leu	Ser	Leu	Leu	Asn	Arg	Tyr	Glu	Asp	Gln		
			180					185					190				
Leu	Asp	Glu	Ser	Met	Ile	Gln	Phe	Tyr	Leu	Ala	Glu	Leu	Ile	Leu	Ala		
		195					200					205					
Val	His	Ser	Val	His	Gln	Met	Gly	Tyr	Val	His	Arg	Asp	Ile	Lys	Pro		
	210					215					220						
Glu	Asn	Ile	Leu	Ile	Asp	Arg	Thr	Gly	Glu	Ile	Lys	Leu	Val	Asp	Phe		
225					230					235					240		
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				245					250								